

U.S. Pat. Appl. 10/633,599

Proposed Amendments to claims 10 and 14

10. (Currently Amended) A process for producing a fluid mixture by mixing a first fluid, held in a first fluid line, and a second fluid, held in a second fluid line, said fluid mixture to be conducted within a third fluid line, said process comprising the steps of:

causing the first fluid to flow into said third fluid line, which is at least intermittently connected to the first fluid line;

causing the second fluid to flow into said third fluid line, which is also at least intermittently connected to the second fluid line; ~~[[.]]~~ and

producing said fluid mixture within said third fluid line from said first and second fluids therein; and

measuring a volumetric or mass flow rate in at least two of the three fluid lines.

wherein said steps of causing the first and second fluids to flow into the third fluid line are performed alternately and repeated several times.

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14. (Presently amended) A process for producing a fluid mixture of predeterminable mass and/or predeterminable volume by mixing a first fluid, held in a first fluid line, and a second fluid, held in a second fluid line, the process comprising the steps of:

causing the first fluid to flow into a third fluid line, which is at least intermittently connected to the first fluid line;

measuring a volumetric or mass flow rate of the first fluid and generating a first measurement signal, which represents the measured flow rate of the first fluid;

measuring a totalized volumetric or mass flow rate of the first fluid and generating a first measured flow rate value, which represents the totalized flow rate of the first fluid;

determining an instantaneous set point for a totalized volumetric or mass flow rate of the second fluid; and

causing the second fluid to flow into the third fluid line at least until the totalized volumetric or mass flow rate of the second fluid reaches the set point, wherein:

the fluid mixture is conducted in the third fluid line; and

said first and second fluids flow essentially discontinuously in the third line for producing said fluid mixture within the third fluid line.